

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A communications network comprising:
- two or more cell sites for communication with wireless terminals, at least one of the cell sites having multiple receive antennas; and
 - a central site having one or more ~~interface~~ controllers;
 - ~~and a switch system through which the~~ one or more controllers are connected to the two or more cell sites;
 - a cell selector that uses a diversity technique to select one of the cell sites from the two or more cell sites for reception from a particular wireless terminal and connects the selected cell site to a respective controller through the switch; and
 - an antenna selector that uses a diversity technique to select one of the receive antennas of the multiple receive antennas of the selected cell site.
- ~~wherein for each controller in communication with a wireless terminal, a cell site is selected for reception of signals from the terminal, and for each selected cell site having more than one receive antenna, an antenna within the site is selected for reception from the terminal.~~

2. (currently amended) A communications network according to claim 1, wherein: ~~further comprising:~~
- the a-cell selector is in the central site that uses a diversity technique to select cell sites for reception from the wireless terminals and connects the selected sites to respective controllers through the switch.

3. (currently amended) A communications network according to claim 1, wherein: ~~further comprising:~~
- the an-antenna selector is in the one or more controllers. each controller that uses a diversity technique to select an antenna within each cell site having multiple receive antennas.

- 4 (currently amended) A communications network according to claim 1 wherein

the ~~interface-one or more~~ controllers include transceivers that transmit and receive RF signals according to respective protocols that are used by the wireless terminals.

5. (currently amended) A communications network according to claim 1 wherein the central site is connected to ~~at least some of the~~ two or more cell sites via optical fibres ~~fibers~~, and each cell site comprises an optical transmitter and an optical receiver.

6. (new) A communications network according to claim 1 wherein:
relative to the two or more cell sites, the cell selector is arranged before the switch system and the antenna selector is arranged after the switch system.

7. (new) A communications network according to claim 1 wherein:
relative to the two or more cell sites, the cell selector and the antenna selector are arranged before the switch system.

8. (new) A communications network, comprising:
a plurality of cell sites which receive a signal from a wireless terminal, each cell site having multiple receive antennas; and
first means for using a diversity technique to select one of the cell sites;
second means for using a diversity technique to select one of the multiple receive antennas of the selected one of the cell sites; and
third means for providing communication between a controller and the selected one of the multiple receive antennas of the selected one of the cell sites.

9. (new) A communications network according to claim 8, wherein:
the third means comprises a switch;
the first means is on one side of the switch; and
the second means is on an opposite side of the switch.

10. (new) A communications network according to claim 8, wherein:
the third means comprises a switch; and

the first and second means are on one side of the switch.

11. (new) A communications network according to claim 8, wherein:
the third means comprises a switch; and
relative to the plurality of cell sites, the first means is arranged before the switch and the second means is arranged after the switch.

12. (new) A communications network according to claim 8, wherein:
the third means comprises a switch; and
relative to the plurality of cell sites, the first and second means are both arranged before the switch.